

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0261998
APS ID 803307
Authorization ID 1492250

Applicant, Facility and Project Information

Applicant Name	<u>Brian B Weidenhammer</u>	Facility Name	<u>Weidenhammer Property</u>
Applicant Address	<u>419 Beacon Avenue</u> <u>Sinking Spring, PA 19608-1916</u>	Facility Address	<u>208 Penn-Bern Road</u> <u>Bernville, PA 19506-5248</u>
Applicant Contact	<u>Brian Weidenhammer</u>	Facility Contact	<u>Brian Weidenhammer</u>
Applicant Phone	<u>(484) 258-5227 / plsu24a@hotmail.com</u>	Facility Phone	<u>(484) 258-5227 / plsu24a@hotmail.com</u>
Client ID	<u>301868</u>	Site ID	<u>769460</u>
SIC Code	<u>8811</u>	Municipality	<u>Bern Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Berks</u>
Date Application Received	<u>July 10, 2024</u>	WQM Required	<u>Already have WQM (0613201)</u>
Date Application Accepted	<u>December 12, 2024</u>	WQM App. No.	<u>N/A</u>
Project Description	<u>Renewal of a NPDES individual permit for a SFTF</u>		

Summary of Review

The existing NPDES permit was issued January 28, 2020. After receiving the renewal permit application, the existing permit was administratively extended by DEP past its expiration date of January 31, 2025.

The first NPDES and WQM permits for this facility were issued in 2013. The 2013 Fact Sheets for those permits indicate:

The Small Flow Treatment Facility (SFTF) was designed to discharge up to 2000 gpd as a daily maximum from one house and 7 cottages (11 EDU's). While Planning approval was obtained for up to 4400 gpd (A3-06920-160-3), 18 months of water usage records and one year's worth of sewage pumping rates from temporary holding tanks were submitted to support their claim that only 2000 gpd as a maximum would be discharged. The SFTF Guidance Manual and Subchapter 73.17(c) allow water or sewer meter flow data / records to be used for determining design flow....If in the future the facility intends to discharge more than 2000 gpd, a NPDES permit amendment application and a WQM permit amendment application will be needed.

The Sewage Planning Approval was issued by DEP on June 29, 2012

The renewal permit application did not propose an increase in design flow. Available Discharge Monitoring Reports (DMRs) were reviewed. The DMRs reviewed did not show flows exceeding 2000 gpd. Therefore, the facility continues to qualify as a SFTF.

Because the facility has had intermittent exceedances of their NPDES permit limits over the past 5 years, the permit will not be converted to coverage under DEP's general permit for SFTFs, PAG-04.

Past DMRs has *not* shown that the SFTF has had problems meeting the existing permit's limits for pH. The limits and monitoring requirement for pH have been dropped from the draft renewal permit.

Approve	Deny	Signatures	Date
x		<i>Bonnie Boylan</i> Bonnie Boylan / Environmental Engineering Specialist	June 30, 2025
x		<i>Maria D. Bebenek</i> for Daniel W. Martin, P.E. / Environmental Engineer Manager	July 3, 2025

Summary of Review

Other than pH, the existing permit limits are consistent with DEP's most recent Standard Operating Procedure (SOP) New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications and have been carried forward into the draft renewal permit. No Total Residual Chlorine limit is included because the treatment uses Ultraviolet (UV) disinfection instead. The sample types and monitoring frequencies in the draft renewal permit are also consistent with DEP's SOP.

Although the discharge is to a swale, DEP's Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales [Technical Guidance Document 386-2000-013] exempts SFTFs from the recommended Advanced Treatment limits in that guidance.

As with the existing permit, DMRs are required to be submitted to DEP monthly and an Annual Maintenance Report (AMR) is not required. There is no requirement at this time for SFTFs to use DEP's electronic DMR system.

Unresolved Violations

There are no unresolved violations for this client according to DEP's Client History Summary Report.

Delaware River Basin Commission (DRBC)

The facility discharges to a waterway within the Delaware River watershed and is thus subject to DRBC requirements. A copy of the draft permit and Fact Sheet will therefore be sent to the DRBC for their review in accordance with State regulations and an interagency agreement. Any comments from DRBC will be considered. The discharges is below DRBC's reviewable threshold and there are no DRBC dockets for the facility.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.002
Latitude	40° 24' 10"	Longitude	-76° 1' 51"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	Swale to Plum Creek (WWF, MF)	Stream Code	1866
NHD Com ID	25962216	RMI	3.25 per last permit
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ Basis	
Elevation (ft)		Slope (ft/ft)	
Watershed No.	3-C	Chapter 93 Class.	Warm Water Fishes, Migratory Fishes
Existing Use	(Not different from Designated Use)	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired for Aquatic Life due to Habitat Alterations, Impaired for Recreational Use due to Pathogens (assess ID 18828, 10/26/2015)		
Cause(s) of Impairment	Habitat Alterations / Pathogens		
Source(s) of Impairment	Unknown		
TMDL Status	None	Name	
Secondary Waters:			
Plum Creek empties into Tulpehocken Creek (stream code 1846, CWF, impaired for aquatic life due to nutrients) downstream of Blue Marsh Lake at approx. RMI of 4.8; Tulpehocken Creek empties into Schuylkill River			
Background/Ambient Data – Not available		Data Source – Not available	
pH (SU)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake		Pottstown Borough Water Authority	
PWS Waters	Schuylkill River	Flow at Intake (cfs)	
PWS RMI	Approx.. 57	Distance from Outfall (mi)	Approx. 28

Other Comments:

Receiving water (and downstream waters) are not Class A Trout or Trout Natural Reproduction

Description of Treatment System:

4 concrete septic tanks, a fiberglass recirculating tank, Orenco Advantex AX20 textile media filters, UV disinfection, dosing tank and pump, discharge pipe to swale to Plum Creek

EXISTING PERMIT LIMITS:

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance History	
Summary of DMRs:	Submitting paper DMRs which the DEP Reading Office needs to scan into OnBase. Permittee has submitted Daily Effluent Supplemental DMRs with daily discharge flows. which have demonstrated that daily flows are below 2000 gpd. When Mr. Weidenhammer was asked about the intermittent permit limit exceedances for CBOD5, TSS, and Fecal Coliform, he said it's hard to control what tenants flush and dispose of in the sinks. He instructs all tenants on acceptable behavior but they don't always comply.
Summary of Inspections:	August 17, 2022 - Violation issued for failure to submit DMRs timely. The permittee noted he and the SFTF Operator have both had medical issues. Cleaning wipes in the system have caused problems meeting limits according to permittee. Samples taken by DEP Inspector from final dosing tank: pH = 6.27 s.u., Temperature = 25.1°C, DO = 5.11 mg/l, CBOD5 = 7.47 mg/l, TSS = 12 mg/l, NH3 = 18.62 mg/l, TN = 35.1 mg/l, TP = 8.43 mg/l, Fecal Coliform = <10 cf/100 mL (holding time exceeded)

WMS  PERMITS  FACILITIES  ADMIN REPORTS 

Facility Maintenance WEIDENHAMMER PROPERTY 762521

Summary

Primary Facility ID 762521	Primary Facility Other ID PA0261998	Primary Facility Name WEIDENHAMMER PROPERTY	
Primary Facility Status ACTIV - Active	Primary Facility Type WPCF - Water Pollution Control Facility	Primary Facility Kind SN - Sewage Non-Publicly Owned (Non-Muni)	Primary Facility Fee Category SFTF Individual Permit

General Addresses Documents Upload File Monitoring Reports Non-Compliance Sampling Points Permit History 

Effluent Non-Compliance (Non-Compliant: 0 ; Compliant: 0) | Unauthorized Discharges (Non-Compliant: 0 ; Compliant: 0) | Other Permit Non-Compliance (Non-Compliant: 0 ; Comp

Refine List

No data found

Anti-Backsliding

No limits in the draft renewal permit are less stringent than the existing permit. As already discussed, the parameter pH was eliminated in the draft renewal permit because no Reasonable Potential to exceed state standards and the existing permit's limits for pH were demonstrated.

Other Permit Conditions

DEP's "Standard" conditions for Small Flow Treatment Facilities are included in Part C of the draft renewal permit.

Class A Wild Trout Fisheries

No Class A Wild Trout Fisheries are impacted by this discharge.

Antidegradation

The permit limits and conditions are intended to protect the designated and existing uses of the receiving stream. Whereas the receiving stream has been assessed as impaired due to pathogens, this permit includes limits for Fecal Coliform which are intended to protect the receiving water's designated uses which include Recreational Use. No High Quality or Exceptional Value waters are impacted by this discharge.

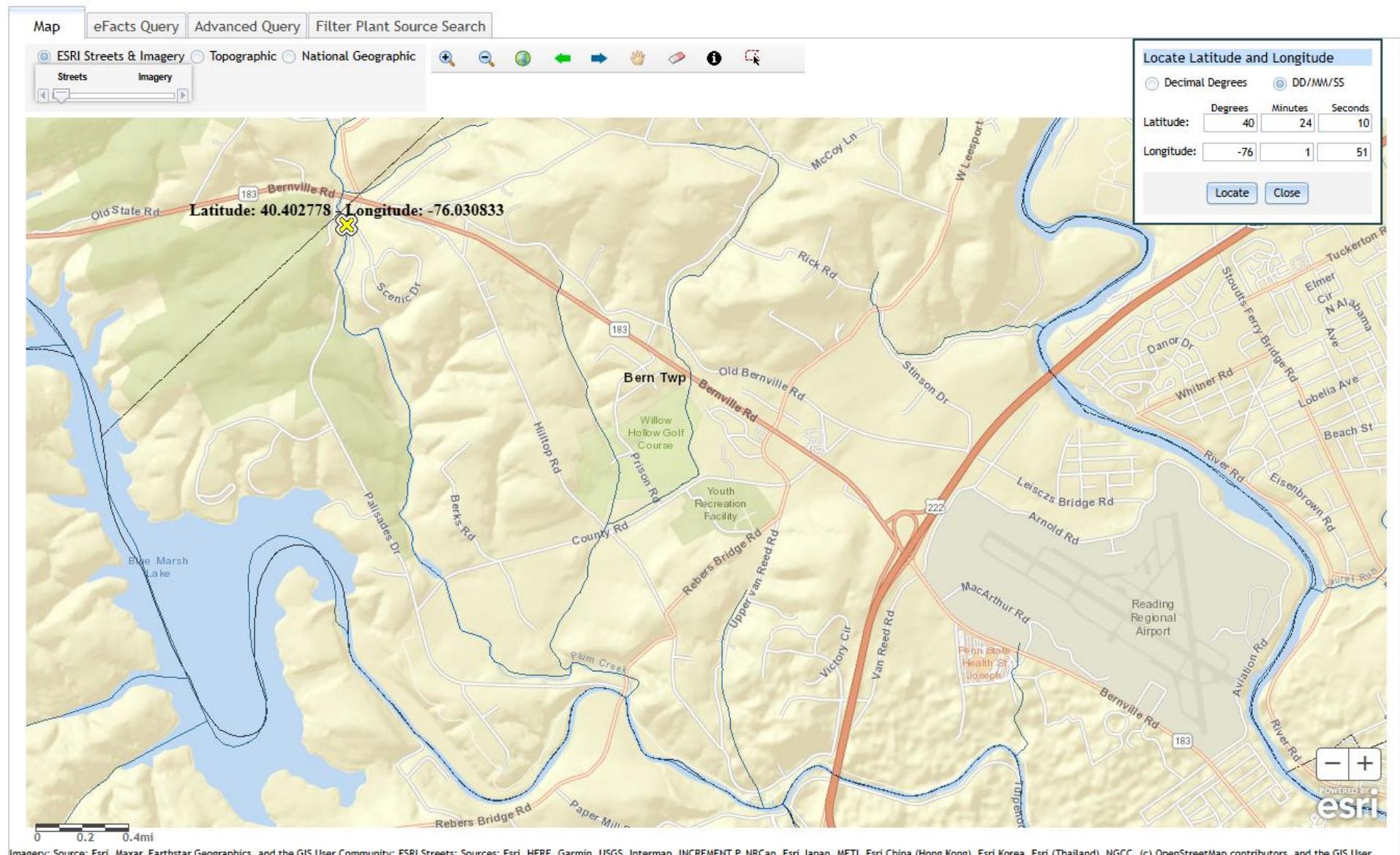
Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality as needed and BPJ. Instantaneous Maximum (IMAX) limits are generally determined using multipliers of 2 (for sewage/conventional pollutants) or 2.5 (industrial/toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Daily Maximum	Instant. Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo. Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: at discharge from treatment facility



Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User